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DIALOG(R)File 351:Derwent WPI

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Extraction of flavan-3-ol polyphenol(s) - useful in pharmaceutical, dietetic and cosmetic compsns. as free radical eliminators

Patent Assignee: SOC CIV EXPANSION (EXPA-N)

Inventor: MASQUELIER J P

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 384796	A	19900829	EP 90400244	A	19900130	199035 B
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FR 2643073	A	19900817	FR 891947	A	19890215	199040
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Priority Applications (No Type Date): FR 891947 A 19890215

Cited Patents: 2.Jnl.Ref; CH 626359; FR 1427100; FR 2276059; FR 2276060; US 25135

Abstract (Basic): EP 384796 A

Purified flavane-3-ol polyphenolic extracts (pyonogenols; I) are extd. from various vegetable sources by the following process: the vegetable material is extd. with water, filtered, kept in the cold, and centrifuged. The liq. is extd. with ethyl acetate and the organic phase sepd.. The soln. is evapd. under reduced pressure to recover the ethyl acetate and the residue is dissolved in water. Lyophilisation of the soln. gives (I) as a water-soluble powder.

USE/ADVANTAGE - (I) has an action against oxygenated free radicals and may be used in pharmacy, for example as an anti-inflammatory, dietetics, and cosmetics. The process is simple to carry out, does not require the use of quantities of salt (which gives rise to effluent disposal problems), and gives a higher yield than was obtainable by other methods. (6pp Dwg.No.0/0)

Title Terms: EXTRACT; OL; POLYPHENOL; FLAVAN; USEFUL; PHARMACEUTICAL; DIET;

COSMETIC; COMPOSITION; FREE; RADICAL; ELIMINATE

Index Terms/Additional Words: FLAVANOL

Derwent Class: B03; D13; D21; E13

International Patent Class (Additional): A23L-001/29; A61K-007/00;

A61K-031/35; C07C-037/68; C07C-039/00; C07D-311/40

File Segment: CPI